Wednesday, 16/04/2008 3:53:35 PM

User:

Julie Lecoca

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 38644

Estimate Number

: 10377

P.O. Number

First Issue

Comment

This Issue

: 16/04/2008 S.O. No. :

: NC Prsht Rev.

: // : 38643 Type

: PURCHASED PARTS

Part Number

Drawing Name

: D2890

Drawing Number

: D2890 REV B : N/A : B

Project Number **Drawing Revision**

Material

Due Date

: 10/06/2008

: AFT CROSSTUBE

Qty:

1 Um:

Each

Written By

Checked & Approved By

Previous Run

: Est.

05.03.21 D

Removed Bending procedures KJ/JLM

Additional Product

Job Number:

Seq. #:

Machine Or Operation:

Description:

1.0

D6008180

Crosstube Extrusion

1.0000 Each(s)

Pick:

Comment: Qty.:

Qty

Part# Description

1.0000 Each(s)/Unit

Batch

D6008-180 Crosstube extrusion

B38341

BENDING MACHINE - SKIDTUBES

2.0

BENDING

Comment: BENDING MACHINE

1-Bend D2890 as per Dwg D2890 and Folio FT002

Total:



DIMENSIONAL CHECK



4.0

3.0

SKIDTUBES 1

QC6

Comment: DIMENSIONAL CHECK

SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Deburr and Polish

5.0

HAND FINISHING1

HAND FINISHING RESOURCE #1







Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
D - 4 N -	Dasan	DAD# 1)/A =		/ 200	\			上 へ	

Part No: DASTO	PAR #: <u> V A</u>	Fault Category:	NCR: Yes No	DQA:	Date:	19112
		, .	QA: N/C C	losed:	Date:	

NCR: 38644 WORK ORDER NON-CONFORMANCE (NCR)								
	0.750	Description of NC	Description of NC Corrective Action Section B					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
082710	1 2.0	The motorial was found to be defective from the supplier	BULL	- See NER 08-058 Tubes me to be scrapped and cles traped. Full credit received	N 0807-10	10007-10	Postur	100-07-10

NOTE: Date & initial all entries

Date:

Wednesday, 16/04/2008 3:53:36 PM

User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: AFT CROSSTUBE

Job Number: 38644

Part Number: D2890

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION

Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

7.0

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



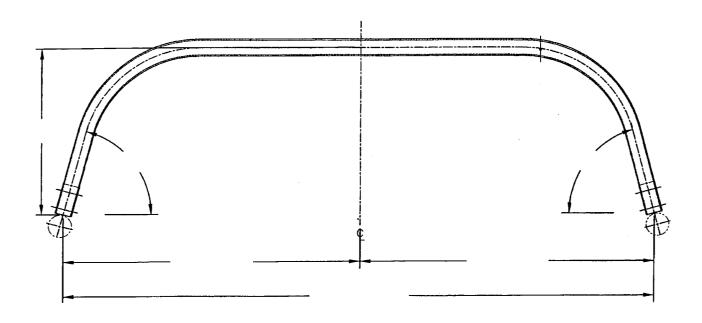
MF 08-07-10

Dart Ae	rospace L	_td							
W/O:			WC	ORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cate	gory: N	CR: Yes	No DQ	A:	Date:	
					QA: N	I/C Closed	d:	_ Date: _	
NCR:		,	WORK ORD	ER NON-CONFORMANC	E (NCF	R)			
DATE	OTED	Description of NC		Corrective Action Section B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Secti		Chief Eng	QC Inspector
							1		
-									

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	38644
Description: Crosstube Aft	Part Number:	D2890
Inspection Dwg: D2890 Rev: B		Page 1 of 1

Required Dimension	Min	Max
Height	49.875	50.125
1/2 Span	69.275	69.525
Angle	49	52
Total Span	138.55	139.05



	Commo	ents	
			 -
		7	
A*************************************			

QC15 Inspection		
Date		

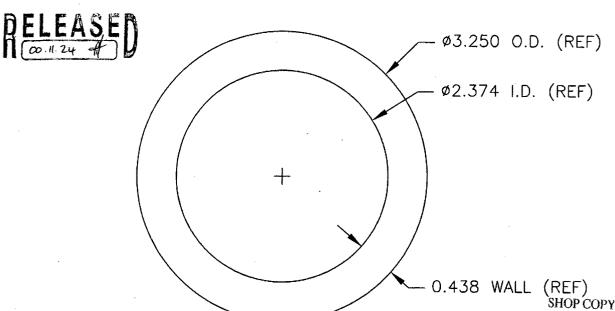
Rev	Date	Change	Revised	by A	hpprøved_
Α	07.02.06	New Issue	KJ/JM \circ		pr-
		<u> </u>		()	





DESIGN	P DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
 CHECKED	APPROVED	DRAWING NO.	REV. A	
9	91	D6008	SHEET 1 OF 1	
DATE		TITLE .	SCALE	
00.11.17	7	CROSSTUBE MATERIAL	1:1	
Α	00.11.17	NEW ISSUE		

SPECIFICATION CONTROL DRAWING



NOTES

 D6008-XXX CROSSTUBE **LENGTH**

WHERE XXX IS LENGTH IN INCHES EG. 180" LONG TUBE: D6008-180

RETURN TO **ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

- 2) MATERIAL: 3.250 OD \times 0.438 WALL 7075-T6/T6511 (WW-T-700/7 OR QQ-A-225/9 OR QQ-A-200/11) SEAMLESS ALUMINUM TUBE. MINIMUM ULTIMATE TENSILE STRENGTH = 77 ksi MINIMUM YIELD TENSILE STRENGTH = 66 ksi
- 3) TOLERANCES ARE PER ASTM B210 AS FOLLOWS:

O.D.: \pm 0.008 MEAN (\pm 0.016 INCLUDING OVALITY) WALL: ±0.020 MEAN (±0.044 INCLUDING ECCENTRICITY)

LENGTH: XXX +0.125/-0.000

STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH

4) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

5) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

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